City and County of San Francisco Voucher Sheet

Species: *Americhelidium* sp. SD1
Authority: 
Common Synonyms: *Americhelidium* Type A of SCAMIT

*Synchelidium rectipalmum* of CCSF

**Characters:**

- Eyes fused dorsally but not extending onto the rostrum (a)
- Rostrum long, downturned at 90 degrees, tip of the rostrum extending beyond article 1 of antenna 1, antennal sinus deep and rectangular (a)
- Palm of gnathopod 1 oblique
- Dactyl of gnathopod 2 about 25% of the length of propodus; gnathopod 2 sparsely setose ventrally and dorsally, but with a long seta at the base of the dactyl (b)
- Pereopod 7, article 2 without long setae
- Pleonites 1-3 and urosomite 1 with paired, dorso-lateral setae (often broken off or hard to see) (c)

**Additional Information:**

First recognized in San Diego, a common species in our SWOO samples

**Similar Species:**

*Americhelidium shoemakeri:* has a shorter rostrum (does not extend past the 1st article of the 1st antenna); gnathopod 2 is thinner and more setose and without a long seta at the base of the dactyl; head has a crescent-shaped antennal sinus; no setae on the pleonites or urosomites.

*Americhelidium rectipalmum:* differs in the setal pattern of pereopod 7 (long setae on posterior margin of article 2), has a much shallower antennal sinus, and a transverse palm on gnathopod 1. No true *A. rectipalmum* have been found in any of the SWOO or San Francisco Bay samples. Mills (1962) states *A. rectipalmum* and *A. shoemakeri* ranges overlap but *A. rectipalmum* prefers deeper water habitats.

**Illustrations:**

a and b drawing and photo of specimen in vial 2 by D. Norris

c Pasko, 2004

Voucher #: AM754
Taxa: Amphipoda: Oedicerotidae
Original Prep. Date: 06Jun 2006
Prepared By: D. Norris
Species Code: AMERICHELID_SD1
Americhelidium sp. SD1 (continued)

Comments:

This species has been found in depths of about 50 m. in Southern California (Pasko, 2004).

References:


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Revision History: